

## Reaction of Trichloro(o-phenylenedioxy)phosphorane with Four-Coordinate Phosphorus Esters

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### Abstract

Reactions of trialkyl phosphates and dialkyl alkenylphosphonates with trichloro(o-phenylenedioxy)phosphorane result in selective replacement of one alkoxy group on the phosphorus by a chlorine atom. Alkylphosphonates react with trichloro(o-phenylenedioxy)phosphorane to give alkyl alkylphosphonochloridates as the major products and small amounts of alkylphosphonic dichlorides.

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